



- ICMP (RFC 792).
- SNTP (RFC 2030).
- TFTP Client.
- Telnet Server.
- HTTP Server.
- QoS: ToS / DiffServ (RFC 2475).

IP TELEPHONY (VOIP)

SIPv2 (RFC 3261).

- Primary / Secondary register by IP or URI (Number & Text).
- Auto Switch Primary / Secondary Proxy.
- Outbound proxy setting for increasing Performance, Productivity, and security.
- A Privacy Mechanism for the Session Initiation Protocol (SIP)-RFC3323.

Voice Codecs.

- G.711 (a-Law/u-Law).
- G.723.1: 6.3K.
- G.726.
- G.729.
- G.729A.
- G.729B.

VAD – Voice Activity Detection.

CNG – Comfortable Noise Generation.

Silence Suppression.

Jitter Buffer – Adaptive & Configurable.

PLC: Packet Loss Compensation to increase voice quality.

Acoustic Echo Cancelation (G.165/G.168).

Call Features.

- Call Hold / Music on Hold.
- Call Transfer (Blind & consultant).
- Call Forward (Unconditional / No Answer / Busy).
- 3-Way Conference.
- DND (Do Not Disturb).
- Mute.
- Redial: 10 lists auto-redial.

Volume Adjustment:.

- Handset Mode.
- Hand-Free Mode.
- Headset Mode.
- Ringing Tone.

DTMF: In-band, Out-of-band (RFC 2833), and SIP-Info.

Tone Generation:.

- Dial Tone.
- Ringing Tone.
- Ring Back Tone.
- Busy Tone.
- Key Tone.
- Programmable Tone.

Phone Book: 100 lists.

Broadcast: Telephone Broadcasting, compatible with Asterisk.

BLF (Busy Lamp Field): Compatible with Asterisk.

SECURITY

HTTP 1.1 basic/digest authentication for WEB access.

MD5 for SIP authentication (RFC 2069/2617).

Password protected Admin access authority.

LCD FEATURE

Display:.

- Date / Time Display.
- Local Line Number / Name Display.
- Caller ID Display (Number / Name).
- Call Records.

Setting.

- Phone Book.
- Network Setting.
- SIP Setting.
- Phone Setting.
- Reboot.

SETTING AND MANAGEMENT.

Setting Method.

Web Browser (HTTP).

LCD.

Upgrade Method.

FTP/TFTP.

Web Access password set and change.

Software version info.

Date & Time.

ENVIRONMENTAL

Dimension: 200(W)*95(H)*230(D) mm (Desktop).

Weight: 770g (unit).

Operating Temp. & Humidity.

- Temp.: 0°C~45°C (32°F~113°F).
- Humidity: 10%~85% relative humidity, non-condensing.

AC Power Adaptor :

- INPUT: AC 100~240V, 50/60Hz.
- OUTPUT: DC 9~12V, 1.0A.
- Power Adaptor.

Power over Ethernet [W]: 4W.

Regulatory: FCC (Part 15, Class B) & CE Processing.